



PERMITTING & COMPLIANCE DIVISION

◆ *Water Main* ◆

CERTIFIED CHECKLIST

January, 2006

CHECKLIST SUBMITTAL INSTRUCTIONS:

This checklist procedure may be used in lieu of a complete department review when the conditions listed below are met. Checklist submittals can only be used for water main extensions or replacements.

Construction is unlawful until approval of the checklist is granted by the department, normally issued in a letter to the design engineer submitting the plans and specifications. Use of the main is unlawful until the department receives as-builts or a certifying letter in accordance with ARM 17.38.101. The department must approve any deviation requests. Normally, complete submittals will be reviewed by the Department within 10 working days. Deviation requests may result in slower turn-around. The checklist submittal must include:

1. A certified checklist form signed and stamped by the professional engineer responsible for the design of the project. All sections of the certified checklist must be completed. Check "yes" when all the requirements of the section are satisfied. Check "N/A" when the section is not applicable and explain why the section is not applicable.
2. Two sets of plans and specifications signed and stamped by the professional engineer responsible for the design of the project.
3. An engineering report presenting, at a minimum, the information required in section 1.1.1 through 1.1.14. of DEQ-1. The engineering report must include all applicable analysis and supporting assumptions, such as fire flows, etc.
4. A map showing the location of the proposed water main in relation to the rest of the distribution system.
5. Owner certification that a professional engineer will be retained for construction inspection and will certify completion in accordance with the approved plans and prepare as-builts for submittal to the department within 90 days of project completion.
6. An approval letter from a professional engineer (other than the design engineer) who is employed directly or retained by the owner of the public water system providing service to the proposed water main. The letter must state the system approves of the extension and the system has adequate capacity and pressure to accommodate the extension. This approval letter is not required if:
 - a. The proposed water main extension is part of a water utility master plan previously approved by the department within the past ten years, and the department concurs the master plan appropriately covers the extension. A copy of the applicable portion of this master plan must be submitted with the checklist; or
 - b. The water main replaces an exiting main and is equal to or greater than the existing pipe. An approval letter from the owner of the system providing service must be submitted with the checklist.

The fee for processing each certified checklist is \$100.00 and must be included with the submittal. The fee for processing each deviation is \$100 and must be included with the deviation request. Completed checklist submittals may be mailed to: Department of Environmental Quality, Permitting & Compliance Division, Community Services Bureau, Metcalf Building, P.O. Box 200901, Helena, MT 59620-0901; or for those systems served by the Billings Office: Department of Environmental Quality, Community Services Bureau, Airport Business Park 1P-9, 1371 Rimtop Drive, Billings, MT 59105-1978. Questions can be answered by writing the above address or calling (406) 444-4400 in Helena and (406) 247-4445 in Billings.

**DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER MAIN CERTIFIED CHECKLIST**

Project Name _____

Location _____ **County** _____

Public Supply Owner _____

Address _____

Engineer _____

Address _____

Department use only

Fee Submitted _____ **E.Q. Number** _____
Date Received _____

REQUIRED DOCUMENTATION:

- ☐ Two sets of plans and specifications signed and stamped by the professional engineer responsible for the design of the project.
- ☐ An engineering report presenting, at a minimum, the information required in section 1.1.1 through 1.1.14. of DEQ-1. The engineering report must include all applicable analysis and supporting assumptions, such as fire flows, etc.
- ☐ A map showing the location of the proposed water main in relation to the rest of the distribution system and the sewer system.
- ☐ Owner certification that a professional engineer will be retained for construction inspection and will prepare as-builts for submittal to the department within 90 days of project completion and will certify completion in accordance with the approved plans prior to use.
- ☐ \$100 checklist processing fee.
- ☐ Plus **one** of the following:
 - ☐ This is a water main extension that is part of a water utility master plan approved by the department within the past ten years. A copy of the applicable portion of this master plan is included; or
 - ☐ This is a water main replacement of an existing pipe and the pipe diameter is equal to or greater than the existing pipe. An approval letter from the owner of the system providing service is included; or
 - ☐ All other extensions: An approval letter from a professional engineer (other than the design engineer) who is employed directly or retained by the owner of the public water system providing service to the proposed water main is included. The letter must state the system approves of the extension and the system has adequate capacity and pressure to accommodate the extension.

DESIGN STANDARDS

The plans and specifications for the above reference project are in compliance with the following sections of the Department of Environmental Quality Circular DEQ 1:

Section 8.1.1 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.1.2 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.1.3 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.1.4 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.2.1 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.2.2 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.2.3 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.2.4 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.3 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.4.1 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.4.2 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.4.3 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.4.4 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.5.1 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.5.2 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.6 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.7.1 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.7.2 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.7.3 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.7.4 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.7.5 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.7.6 ☐ Yes ☐ N/A ☐ Deviation (include Deviation Form)

If N/A, Explain _____

Section 8.7.7 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.8.2 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.8.3 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.8.5 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.8.6 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.8.7 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.9.1 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.9.2 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.10.1 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.10.2 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.10.3 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.11.1 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.11.2 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.13 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.14 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.14 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)
Section 8.15 If N/A, Explain _____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Deviation (include Deviation Form)

CERTIFYING STATEMENT

I certify that I have examined the above checklist and supporting documentation and attachments and find this information to be correct, true and complete. I find the plans and specifications for the above reference project to be in compliance with the Department of Environmental Quality Circular DEQ 1 as specified above.

(Signature of Professional Engineer)

(Date Signed)

Montana P.E. Number _____

PE Stamp



DEVIATION REQUEST

Project Name: _____

EQ Number (if known): _____

Engineer Name: _____

Circular: ☐ DEQ-1 Water Works ☐ DEQ-3 Small Water Systems
 ☐ DEQ-2 Wastewater Facilities ☐ DEQ-4 Subsurface Wastewater Treatment

SECTION: _____

example: Section 8.8.2

EXISTING STANDARD:

example: Water mains must be laid at least 10 feet horizontally from any existing or proposed gravity sewer, septic tank or subsoil treatment system.

PROPOSED STANDARD:

example: Water mains must be laid at least 8 feet horizontally from any existing or proposed gravity sewer, septic tank or subsoil treatment system.

JUSTIFICATION: *attach additional information as necessary*

In accordance with ARM 17.38.101 (e), I certify the above request that strict adherence to the above standard is not necessary to protect public health and the quality of state waters.

(Signature of Professional Engineer)

(Date Signed)

Montana P.E. Number _____

PE Stamp

For Department Use Only:

Review Engineer's Recommendation: _____
